



Nelson & Nelson Mfg.
5210 Stadium Blvd, Suite C
Jonesboro AR 72404
870-268-6393 : Cell 219-1019

Installation Instructions 2-2-21

Model RYK-BSPK

Docking Station - Dual 12 volt (2) 2.1 Amp USB Sockets (1) 12 Volt Ryker Bluetooth Sound System

DO NOT USE IMPACT DRILL ON BOLTS OR NUTS.

(Stainless Steel Hardware is Softer Metal and can strip the threads.)

You must use lubricant on bolts and nuts to prevent galling. Minimum WD40, preferably **Anti-Seize
Stainless Steel Lubricant MRO 1000**

Steps needed to install your Ryker Sound System



1.- Remove the top Left & Right cover by pulling back the gas cap lid and removing the two push pin connectors. Then raise the front glove box and remove the two push pin connectors there as well.

Then push the panel towards the front to release. Simply lift off that panel.



2.- See the additional Instructions first for installing the 12 Volt Docking Station and its wiring. Once installed go to step 3 below.

3.- Next take the control module box with the two 1/4" bolts and mount the module box to the docking station as shown below. Run the cable through the hole as shown then tighten down the two bolts. Then snap in the module as shown.



4.- Next remove the front storage box. Remove the front side screws in red each side. Then push down on the two front tabs to release the front box. Then remove too the plastic panel under the windshield mount. Make sure you take care in removing this from around the wire cable around the steering column.

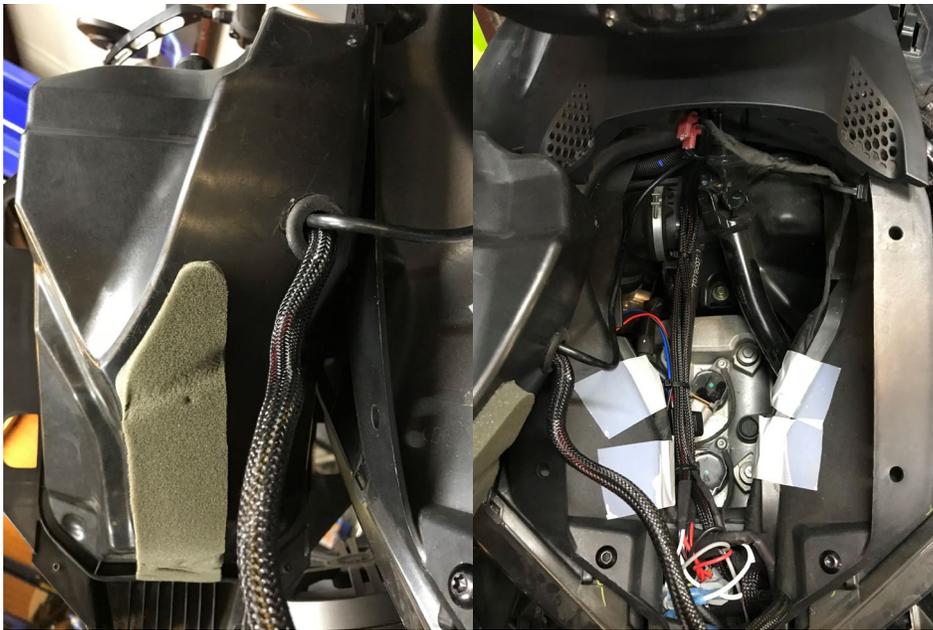


5.- The wiring harness supplied for the sound system comes complete wired for your reference. There is a wiring diagram included if needed. First remove and unplug the main wiring cable that connects to the amp. Not where the wires were located. Speakers wires for left & right speaker are color coded to match up. Power, remote and ground wires are labeled.

Once the front box is removed drill a 7/8" hole in this location below using a hole saw or Forstner bit to run the main amp cable but first once the hole is drilled run the amp cable through the gromet supplied.



6.- Next take the wire and locate as shown in the pic below. The end result will be the wire connectors will be located under the front box as shown on the right photo below. Take the main harness with the positive and negative wires and run from this front box location down to the battery. Make sure the harness is free from moving parts and the steering arm. You can wire tie it up later.



7.- Next take the drill template as shown below. Locate the corner of the front as shown below and drill 1/8" pilot holes in each of the 3-hole centers and then two 11/32" holes for the mounting bolts with a center 5/8" hole. Use a hole saw or Forstner bit to make sure you have clean holes. The template matches the front panels. Do this for each side. Next take the 3" threaded stud bolts and screw into the bottom of each speaker about 1" to start. Take the speaker spacers mounts and locate them under the speaker as shown below to allow each speaker when mounted to point upwards again as shown below. Take the supplied washers, then lock washers and nuts and install each speaker. You may have to adjust each bolt to make sure enough threads are left after the nut as shown below. Use Loctite Blue thread locker to hold the nuts in place once tight. We use nuts not locknuts to make it easier to screw the nut on and tighten.



8.- Then take the switch units and bolt them to the docking station in the locations below in red. The Switch A to control the power to the amp to be located on the left side. The Led Lights in the speakers to be controlled by Switch B on the right side. Both shown in the red circle below.



9.- Run both switch wires down through the steering column each side along with the factory wires. Run the switch wires to the front of the box area with the other cables and plug back into the flip connectors as before. Be sure Switch A & B plug back into the correct connectors. This is the main harness connectors that have only two flip levers each.

10.- Next take the speakers wires and run those as well to the front of the box area and plug back into their respective matching connector. Take the Stinger LED control Module and locate it as shown below behind the left front headlight as you look at the Ryker from the front. Use the alcohol pad and clean the surface dry before sticking the module down. Then take the wires from the Stinger module and reconnect them to the harness connectors as before.



11.- Take the Positive and Negative power leads and connect them directly to the battery. Test the sound system by turning on the Switch A. This is Bluetooth so located on the Kicker unit is the pairing button. Press that then on your phone connect. Test audio through the speakers to make sure all is working. Then turn on your LED lights on the speakers by tuning on Switch B. Download the app EZ Led. Then Connect it to the Stinger. The app will find the Stinger Module. There are unlimited lighting options through this app. Once you decide your theme, when your turn of Switch B the LED lights will come back on to the last setting when the switch is turn back on.

If all is working properly, reassemble your Ryker in reverse of how you disassembled the panels. Take the supplied wire ties and tie up loose wires. Make sure wires are not interfering with the steering column or control arm. The center connections of all wires will be located as stated before under the front box location at the underside front. You will see a pocket the wire connectors etc can be pushed back into. Your system is Installed!





We thank you for purchasing one of our Ryker Sound Systems. Today we know the needs Accessories and we have solved that demand with a stylish system that compliments the design of your Ryker®!

spyderextras.com